ABSTRACT OF THE DISCLOSURE

Disclosed is a system and method for distributing connections among a plurality of servers at an Internet site. All connections are made to a single IP address and a local director selects the server from among the plurality of servers which is to receive the connection. Thus, the DNS server is not relied upon to distribute connections, and the connection distribution scheme is not avoided when DNS is bypassed. In one embodiment, a session distribution scheme is implemented such that connections are distributed to the server in the group of servers which has the fewest connections of the group. In other embodiments, other session distribution schemes which route connections based on the predicted response times of the servers or according to a round robin scheme are used.